

PRODUCT-DETAILS

# S803HV-K20

## S803HV-K20 High Performance MCB



### Informations générales

Extension du type de produit	S803HV-K20
Code de produit	2CCF019038R0001
EAN	7612271436872
Description courte	S803HV-K20 High Performance MCB
Description longue	The S803HV-K20 is a 3-pole High Performance Circuit breaker with K-characteristic, with cage terminal, long separating plates and a rated current of 20 A. It is a current limiting device with a maximum breaking capacity of 4kA at 580/1000V. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. The S803HV-K20 complies with IEC/EN 60947-2 and allows the use for industrial applications. It can be used worldwide. The extensive range of accessory makes the use of S803HV-K20 more comfortable. Due to the fast arc extinction of S803HV-K20 your application will be secured.

### Technique

Normes et standards	IEC/EN 60947-2, UL 1077
Tripping Characteristic	K
Tension nominale ( $U_r$ )	acc. to IEC 60947-2 580/1000 V AC acc. to IEC 60947-2 1000 V AC
Tension	acc. to IEC 60898-1 400 V
Tension assignée d'isolement ( $U_i$ )	acc. to IEC/EN 60664-1 1000 V
Tension assignée de tenue aux chocs ( $U_{imp}$ )	8 kV

Type de tension	AC
Courant nominal ( $I_n$ )	20 A
Courant nominal de fonctionnement ( $I_e$ )	20 A
Rated Short-Circuit Capacity	(400 V) 2.5 kA (230 V) 2.5 kA
Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )	(1000 V) 4 kA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(230 V) 4 kA (400 V) 4 kA
Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ )	(580 / 1000 V AC) 2.5 kA
Fréquence (f)	60...60 Hz
Fréquence assignée (f)	50/60 Hz
Power Loss	10.5 W at Rated Operating Conditions per Pole 3.5 W
Contact Position Indication	ON / OFF / TRIP
Classe de limitation d'énergie	3
Number of Protected Poles	3
Nombre de pôles	3
Catégorie de Surtension	III
Couple de serrage	3.5 N·m
Type de libération	K
Actuator Marking	I / O
Qualité du matériau	Insulation group I, RAL 7035
Montage sur rail DIN	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Type d'encastrement	Any
Recommended Screw Driver	Pozidriv 2
Accessories Available	Oui
Remarques	Connection from top and bottom Connecting with CU only IP40 in enclosure with cover Cage terminal with captive screw
Connecting Capacity	Flexible 0 ... 50 mm <sup>2</sup> Rigid 0 ... 70 mm <sup>2</sup>
Type de borne	Screw Terminals

## Environnement

Température extérieure	-25...60 °C
Température de l'air ambiant	Operation -25 ... 60 °C
Indice de protection	IP20
Degré de pollution	2
Resistance to Vibrations acc. to IEC 60068-2-6	2 - 13.2 Hz / 1mm 13.2 - 100Hz / 0.7g with load 100% x le
Résistance aux chocs selon CEI 60068-2-27	5 g 30 ms
Statut RoHS	Following EU Directive 2011/65/EU
Informations RoHS	9AKK107680A3903 2CCC005084D0202
Informations environnementales	2CCY413207D0203

Conflict Minerals  
Reporting Template  
(CMRT)

9AKK108468A3363

## Technique UL/CSA

Interrupting Rating acc. to UL1077 (600 V AC) 15 kA

## Dimensions

Width in Number of Modular Spacings	4.5
Produit Largeur Net	81 mm
Produit Hauteur Net	142 mm
Produit Longueur Net	82.5 mm
Poids net	720 g
Profondeur d'encastrement (t <sub>2</sub> )	82.5 mm

## Commande

Emballage Niveau 1 Unités	box 1 pièce
Emballage Niveau 1 Poids	850 g
E-Number (Sweden)	2100060

## Certificats et Déclarations (Numéro de document)

Déclaration de Conformité - CE	2CCC005084D0202
--------------------------------	-----------------

## Installation

Instructions et manuels	2CCC413016M0008
-------------------------	-----------------

## Downloads Préférés

Fiche produit, informations techniques	2CCC413003C0208
--	-----------------

## Classifications

ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
Catégorie DEEE	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	85362020
eClass	V11.0 : 27141901
Code de classification d'objet	F

---

## Catégories

---

Produits basse tension → Appareillage modulaire et parafoudres → High Performance Circuit Breakers HPCBs → Disjoncteurs ≤125A S800/S500

